

**Claims**

1. Use of an aqueous solution comprising trimethyl glycine as a coolant fluid and/or as a protective fluid in engine applications.  
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2. Use according to claim 1, characterized in that the engine applications are selected from engines used in automobiles, trucks, motorcycles, aircrafts, trains, tractors, generators, compressors, from stationary engines and equipment, marine engines, power systems, industrial engines, electric engines, fuel cell engines and hybride engines.  
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3. Use according to claim 1 or 2, characterized in that the engine applications are selected from internal combustion engines used in automobiles.
- 15 4. Use according to any one of Claims 1 - 3, characterized in that the engine applications are selected from engines and water pumps with aluminium components.
- 20 5. Use according to any one of claims 1-4, characterized in that the coolant fluid comprises 1 to 60 % by weight of trimethyl glycine as an anhydrate or monohydrate, or salts or derivatives of trimethyl glycine or mixtures thereof.
- 25 6. Use according to any one of claims 1- 5, characterized in that the coolant fluid comprises 20 to 45 % by weight of trimethyl glycine as an anhydrate or monohydrate, or salts or derivatives of trimethyl glycine or mixtures thereof.
7. Use according to any one of claims 1- 6, characterized in that the coolant comprises additives.